

--- LIPSON, H. S.

Skin - Diseases

Antiphagin therapy of staphyloiderma. Vest. ven. i derm. No. 1, 1953.

Monthly List of Russian Accessions, Library of Congress
June 1953. UNCL.

LIPSKAYA, M.I.

LIPSKAYA, M.I.; KORIK, L.M.

Role of vitamin B₁ (thiamine) in suppurative diseases of the skin.
Vest. ven. i derm. no.4:56-57 J1-Ag '54. (MLRA 7:8)

1. Iz 13-go koshno-venerologicheskogo dispansera Leningrada.
(SKIN--DISEASES) (THIAMINE)

LIPSKAYA, M.I.

Role of vitamin B₁ in the prevention of pyodermitis in bakery workers. Vest.ven. i derm. no.3:19-21 My-Je '56. (MIRA 9:9)

1. Iz Nauchno-issledovatel'skogo kozhno-venerologicheskogo instituta (dir. A.A.Kondrat'yeva) i kozhno-venerologicheskogo dispansera No.13 (glavnyy vrach Z.S.Lisitsina, nauchnye rukovoditeli: chlen-korrespondent AMN SSSR prof. P.V.Kozhevnikov i kandidat biologicheskikh nauk M.N.Yegorova)

(PHODERMA, prevention and control,
vitamin B₁ in bakery workers (Rus))

(VITAMIN B₁, therapeutic use,
phoderma in bakery workers (Rus))

(OCCUPATIONAL DISEASES,
phyoderma in bakery workers, prev. with vitamin B₁ (Rus))

LIPSKAYA, M.I.; MAKOVER, R.G.; SHVARTSMAN, S.M., kand.med.nauk

Treating pustular skin diseases with a synthomycin emulsion. Vest.derm.
i ven. 31 no.2:46 Mr-Apr '57. (MIRA 12:12)

1. Iz kozhno-venerologicheskogo dispansera No.13 Frunzenskogo rayona
Leningrada.

(SKIN--DISEASES)

(CHLOROMYCETIN)

LIPSKAYA, M.I.

Effect of prophylactic vitaminization on the incidence of pyodermatitis
in workers in hot bakery shops. Gig. i san. 23 no.4:77-80 Ap '58.
(MIRA 11:6)

1. Iz Kozhno-venerologicheskogo dispansera No.13 Frunzenskogo
rayona Leningrada.

(PYODERMA, prev. & control

in bakery workers by prophylactic vitamin admin. (Rus))

(VITAMINS, ther. use

pyoderma prev. in bakery workers (Rus))

(OCCUPATIONAL DISEASES, prev. & control,

pyoderma in bakery workers, vitaminization (Rus))

LIPSKAYA, M. I.: Master Med Sci (diss) -- "The significance of the prophylactic administration of vitamins B₁ and C in combatting pyoderma in bread factories". Leningrad, 1959. 15 pp (State Order of Lenin Inst for the Advanced Training of Physicians im S. M. Kirov), 200 copies (KL, No 12, 1959, 132)

SHVARTSMAN, S.M., kand.med.nauk; LIPSKAYA, M.I.

Preliminary results of dispensary treatment of epidermophytosis of the foot. Vest.derm. i ven. 33 no.3:42-44 My-Je '59.

(MIRA 12:9)

1. Iz kozhno-venerologicheskogo dispansera No.13 Frunzenskogo rayona Leningrada (glavnyy vrach Z.S.Lisitsyna, konsul'tant - prof.Ye.S.Zalkind).

(RINGWORM, ther.

foot, ambulatory ther. (Rus))

(FOOT, dis.

ringworm, ambulatory ther. (Rus))

LIPSKAYA, M.I.

Irritating effect of soap on the skin. Vest.derm.i ven. 33 no.4:78
Jl-Ag '59. (MIRA 12:11)

1. Iz Leningradskogo kozhno-venerologicheskogo dispansera No.13
(SOAP--PHYSIOLOGICAL EFFECT) (SKIN--DISEASES)

LIPSKAYA, M.I.

Clinical management of patients with *Trichophyton prapareum* infection. Vest.derm.i ven. 34 no.10:54-56 '60.

(MIRA 13:11)

1. Iz kozhno-venerologicheskogo dispansera No.13 Frunzenskogo rayona Leningrada (glavnyy vrach Z.S. Lisitsina).
(RINGWORM)

KARLIN, M.I., kand.med.nauk; LIPSKAYA, M.I., kand.med.nauk; PISAREVA, V.P.;
GRIDINA, G.P.

Practice in dispensary treatment of bathhouse workers with
epidermophytosis. Vest. dermat. i ven. 37 no.2:70-72 F'63.

(MIRA 16:10)

1. Iz kozhno-venerologicheskikh dispanserov No.3 i 13 Leningrada.

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LIPSEAYA, M.I., kand.med.nauk; KOZHEVNIKOV, P.V., prof., nauchnyy konsul'tant

Effect of synthetic detergents on the skin. Vest. derm. i ven.
38 no.5:50-55 My '64. (MIRA 18:12)

1. Kozhno-venerologicheskii dispanser No.13 (glavnyy vrach Z.S.
Lisitsina), Leningrad. Submitted Nov. 5, 1962.

LIPSKAYA, N. V.

"The Anomalous Field of Physical Heterogeneity." Sub 18 Jun 47, Inst of
Theoretical Geophysics, Acad Sci USSR

Dissertations presented for degrees in science and engineering in Moscow
in 1947

SO: Sum No. 457, 18 Apr 55

Lipskaya, N. V. On the perturbation of a sphere by a spherical inhomogeneity. Method of bipolar coordinates. Izvestiya Akad. Nauk SSSR, Ser. Geograf. Geofiz. 13, 335-347 (1949). (Russian)

The anomaly due to a spherical conductor (with infinite conductivity) at any depth d and of any radius r is completely characterized with the aid of infinite series whose general terms involve hyperbolic functions and Legendre polynomials. Thus the so-called direct problem is solved, but the possible use of this solution in the practical inverse problem, where the geophysicist must deduce the radius r and the depth d of the center of the perturbing sphere from the observed and mapped anomaly, is not discussed at all. Moreover the rapidity of convergence of the series used is not studied, so that their practical value remains problematical.

E. Kogbetliantz (New York, N. Y.)

Some

Source: Mathematical Reviews,

Vol. 11 No. 3

LIPSKAYA, N. V.

Mbr., Geophysics Inst., Acad. Sci., -1948-.

"The Disturbance of Electric Fields by Spherical
Heterogeneities (Method of Binary Coordinates)",

Is. Ak. Nauk SSSR, Ser. Geog. i Geofiz, 13, No. 4, 1949;

"The Field of a Point Electrode Observed on the Earth's
Surface Close to a Submerged, Conducting Sphere," *ibid.*,
No. 5, 1949.

LIPKAYA

NU

9A

USSR.

550.371
2838. On the variation of the earth's electric field.
A. N. TIKHONOV AND N. V. LIPKAYA. Dokl. Akad.
Nauk SSSR, 87, No. 4: 547-50 (1958) in Russian.
An attempt is made to relate the observed variations
in the earth's electric and magnetic field by the use of
Maxwell's equations and certain simplifying assump-
tions. The assumption is made that the earth behaves
like a conductor of depth L and conductivity k . The
theory is applied to experimental data for three
stations and good agreement is obtained for two.
 L is found to be about 1000 km and k about
0.01 mho/m.
J. M. HUGHES

66 24

LIPSKAYA, N. V.

PA 241T33

USSR/Geophysics - Earth's Field

Jan/Feb 53

"Some Relations Among the Harmonics of Periodic
Variations of Terrestrial Electromagnetic Fields,"
N. V. Lipskaya, Geophys Inst, Acad Sci USSR

"Iz Ak Nauk SSSR Ser Geofiz" No 1, pp 41-47

Establishes a number of exptl rules governing the
variations of a terrestrial electromagnetic field
and gives a theoretical evaluation of possible re-
lations among them by proceeding from the simplest
scheme for the elec cross-section of the Earth's
crust.

241T33

29716
S/169/61/000/008/032/053
A006/A101

3, 9110 (N21, 1482)

AUTHORS: Lipskaya, N. V., Deniskin, N. A., Yegorov, Yu. M., Shel'ting, V. F.

TITLE: A fixed microvariation station with photo-electronic amplification

PERIODICAL: Referativnyy zhurnal, Geofizika, no 8, 1961, 2, abstract 8015 (V sb.
"Geomagn. vozmushcheniya, no. 4", Moscow, AN SSSR, 1960, 42-47,
English summary)

TEXT: The authors describe a three-component quartz microvariation station with photo-electronic amplification, intended for the prolonged recording of microvariations in the Earth's magnetic field. Its resolving capacity in amplitudes is up to several thousandths of gamma and up to 1 cycle frequency. The element perceiving the field is a high-sensitive, low-inertia torsion balance with a movable magnet and a mirror whose oscillations are converted into photo-current and recorded. X

U. Fastovskiy

[Abstracter's note: Complete translation]

Card 1/1

89754

3.9100

S/169/61/000/002/007/039
A005/A001

Translation from: Referativnyy zhurnal, Geofizika, 1961, No. 2, p. 3, # 2016

AUTHORS: Deniskin, N. A., Yegorov, Yu. M., Lipskaya, N. V., Osinskaya, S. V.,
Kheresko, G. V., Shel'ting, V. F.

TITLE: A Magnetic Station With a Quartz Microvariometer

PERIODICAL: V sb.: "Vozmushcheniya elektromagnitn. polya Zemli". Moscow, AN SSSR
1960, pp. 57-62 (English summary)

TEXT: It is reported on the development and designing of a magnetic micro-
variation station on the basis of the low-inertial quartz variometer which was
proposed by V. F. Shel'ting (see abstr. No. 2G15). The station is intended for
continuous recording of the variations of all three components of the Earth's mag-
netic field with amplitudes of the order of 10^{-7} oe and more, and duration of from
1 sec. to many minutes. The equipment consists of three main assemblies: 1) the
microvariometers of X, Y, Z; 2) the photographic recorder with 200 mm in paper
width and 90 mm/hr in speed, which has also a device marking the time; 3) an
automatic band switch relay operated by two photoresistances and permitting the
rays to return in jump onto the phototape after reflection from the microvariometer
Card 1/2

89754

A Magnetic Station With a Quartz Microvariometer

S/169/61/000/002/007/039
A005/A001

mirror in case of its departure from the tape under the effect of an intense variation of the field. If operating with the automatic banswitch relay, large angular deflections of the moving system of the responsive element are excluded, which is important for the stabilization of the graduation value. As a result of the tests of the station, which were conducted in autumn 1957, it turned out that: 1) the moment of inertia of the moving system is equal to 10^{-5} g cm²; 2) the natural periods of the oscillations of the different variometers lie within the limits of $T_0 \approx 1 - 2$ sec at a graduation value of the order of $\xi \approx 0.05$ /arc minute; 3) the magnetic moments of the moving magnets amount to about $m = 0.5-1$ electromagnetic units; 4) the shape of the frequency characteristic of the device testifies that the graduation value is constant for all periods longer than two or three seconds and does not depend on the period of the perturbing force; 5) the amplitude characteristic is linear within the limits of the scale width. There are 7 references.

U. Fastovskiy

Translation from: This is the full translation of the original Russian abstract.

Card 2/2

40226

S/169/62/000/007/076/149
D228/D307

3.9110

AUTHORS: Lipskaya, N. V., Deniskin, N. A. and Yegorov, Yu. M.

TITLE: Constructing electromagnetic sounding curves from the data of observing microvariations in the earth's natural electromagnetic field

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 7, 1962, 33-34, abstract 7A218 (V sb. Vopr. teorii i praktiki elektrometrii, M., AN SSSR, 1961, 41-55)

TEXT: The study of variations in the earth's natural electromagnetic field and the determination of the quantitative correlations between its magnetic and electric components underlie the magnetotelluric method. This provides the possibility of establishing the relationship between the field's recorded values and the geologic structure of ground at the point of observation. It is noted that the magnetotelluric method differs from other electric prospecting methods in the absence of an artificial field source, in the great depth of propagation of the natural field variations, and in

Card 1/4

Constructing electromagnetic sounding... S/169/62/000/007/076/149
D228/D307

the simultaneous recording of electric and magnetic variations on the requisite frequency band. This enables the whole frequency sounding curve to be constructed from observations made at one point. The depth of propagation of the natural field variations grows as the period of the variations increases; therefore, the frequency band of the recorded variations determines the equipment's field of application. There are induction-type installations and equipment, based on the magnetostatic principle. The field quartz microvariation station of the Institut fiziki Zemli AN SSSR (Institute of Physics of the Earth, AS USSR) is described. The station is suitable for continuously recording the three magnetic field components H_x , H_y , and H_z in the frequency range from 1 to several thousand parts of a hertz. It consists of a receiving part (microvariometer, clarifier, photomultiplier); and control, recording, and power-supply panels, placed 30 m from the receiving part. Tests of the apparatus confirmed that there is a linear relationship between the amplitude of the changes in the magnetic field acting on the microvariometer and the values of the recorded

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S/169/62/000/007/076/149

Constructing electromagnetic sounding ...D228/D307

photocurrent. The current recording curve is reproduced on a certain scale without greatly distorting the curve for the microvariations of the measured field components with a variational range of up to 2 - 3% and with periods, varying from 3 sec to several minutes. The ratio of the ranges of variations, recorded by two installations, remains constant with a precision of up to 4 - 8%. The amplitude and phase characteristics of the field equipment are cited, as are vector diagrams, characterizing the instantaneous positions and the magnitude of the horizontal components of the magnetic and electric field vectors for the variations with periods of T equalling 32 and 210 sec. The authors consider examples of the recording of electromagnetic field variations at two points of the Dneprovsko-Donetskaya Depression with known geologic sections. When constructing the frequency sounding curves ratios were calculated for the amplitudes of the variations of two mutually perpendicular components of the electric and magnetic fields; these were recorded at the same moment of time and have an identical period. The impedance was determined from the formulas:

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Constructing electromagnetic sounding ...

S/169/62/000/007/076/149
D228/D307

$$\rho_K = \frac{T}{5} \left| \frac{E_x}{H_y} \right|^2 \quad \text{and} \quad \rho_K = \frac{T}{5} \left| \frac{E_y}{H_x} \right|^2$$

lx

The experimental curves of ρ_K were compared with the theoretical curves of self-potential field electrosounding for a three-layer medium; these latter curves were calculated for $\mu = \rho_2/\rho_1 = 16$ and 32, $v = h_2/h_1 = 1.0$ and 1.5, $\rho_3 = \infty$, $h_3 = \infty$. The comparison gave satisfactory results. It is noted that despite the equipment's ability to record microvariations with periods of down to 1 sec, no variation with a period of below 10 sec was recorded in the operations. The value $T = 10$ sec appears to be the boundary of a certain unique "absorption band", whose authenticity of existence can only be confirmed by subsequent observations. [Abstracter's note: Complete translation.]

Card 4/4

LIPSKAYA, N.V.; DENISKIN, N.A.; YEGOROV, Yu.M.

Results of electromagnetic sounding in the central area of the
Dnieper-Donets Depression. Izv. AN SSR. Ser. geofiz. no. 3:407-
(MIRA 14:2)

1. Institut fiziki Zemli AN SSSR.
(Komarovka Region (Chernigov Province)--Electromagnetic prospecting)

TIKHONOV, A.N.; LIPSKAYA, N.V.; DENISKIN, N.A.; NIKIFOROVA, N.N.; LOMAKINA,
Z.D.

Electromagnetic sounding of deep layers of the earth. Dokl. AN
SSSR 140 no.3:587-590 S '61. (MIRA 14:9)

1. Institut fiziki Zemli im. O. Yu. Shmidta AN SSSR; 2. Chlen-
krooespondent AN SSSR (for Tikhonov),
(Magnetism, Terrestrial)

ACC NR: AT6007147

(N)

SOURCE CODE: UR/3148/60/000/004/0042/0047

AUTHOR: Lipskaya, N.V.; Deniskin, N.A.; Yegorov, Yu.M.; Shel'ting, V.F.

ORG: None

TITLE: A stationary microvariational station with photomultiplication

SOURCE: AN SSSR. Mezhdudedomstvennyy geofizicheskiy komitet. III razdel programmy
MGG: Geomagnetizm i zemnyye toki. Sbornik statey, no. 4, 1960, 42-47

TOPIC TAGS: geomagnetic instrumentation, magnetometer, recording precision magnetometer, *GEOMAGNETIC MEASUREMENT*

ABSTRACT: This paper is a description of a sensitive precision magnetographic station for continuous recording of three geomagnetic variation components. The magnetometers have a resolving power of a few thousandth gamma, at frequencies to 1c/sec. The sensor is a low inertial (under .001 gm.cm³) quartz torsion balance, with a moving magnet attached to a light mirror. Oscillations of a reflected light beam are converted into a photocurrent, intensified by a photomultiplier and amplified to drive a recorder. Output is on paper, with 1mm equivalent to .005 gamma. Constant field compensation is provided by magnets and Helmholtz coils. Special coils supply noise suppression feedback and stabilize the sensitivity. Automatic range switching and a central control and sensitivity monitoring unit are provided. Orig. art. has 4 figures

SUB CODE: 08/

SUBM DATE: None/

ORIG REF: 003

Card 1/1

KRAPIVNYI, A.P.; LIPSKAYA, N.Ya.

Stational distribution of beaver in the Neman Valley. Biol.
Inst. biol. AN BSSR no. 3:277-279 '58. (MIRA 13:7)
(NEMAN VALLEY--BEAVER)

LIPSKAYA, N.Ya.

Length of the digestion of food in the red mullet *Mullus barbatus*
ponticus Esipov. Trudy SBS 11:200-212 '59. (MIRA 13:5)
(Red mullets) (Digestion)

LIPSKAYA, N.Ya.

Diurnal and seasonal variations of feeding in the red mullet
Mullus barbatus ponticus Essipov. Trudy SBS 11:213-228 '59.
(Red mullets) (Fishes--Food) (MIRA 13:5)

LIPSKAYA, N.Ya.

Relationship between the feeding intensity of the red mullet (*Mullus barbatus ponticus* Essipov) and temperature under experimental conditions. Trudy SBS 12:328-337 '59. (MIRA 14:10)
(FISHES--FOOD) (TEMPERATURE--PHYSIOLOGICAL EFFECT)
(RED MULLET)

LIPSKAYA, N. Ya.

Age variations in the morphology of sprat (*Sprattus sprattus*
phalericus Risso) in the Black Sea and their functional signi-
ficance. Trudy SBS 13:180-184 '60. (MIRA 14:3)
(Black Sea—Sprats) (Fishes--Anatomy)

LIPSKAYA, N. Ya.

Selectivity in the feeding of the red mullet (*Mullus barbatus*
Essipov) under experimental conditions. Trudy SBS 13:185-189 '60.
(Red mullets) (Fishes--Food) (MIRA 14:3)

LIPSKAYA, N. Ya.

Diurnal and seasonal variations in the feeding of sprat (*Sprattus sprattus phalericus* Risso) in the Black Sea. Trudy SBS 13:190-203 '60.

(Black Sea--Sprats) (Fishes--Food)

(MIRA 14:3)

LIPSKAYA, N.Ya.

Oxygen consumption by the red mullet (*Mullus barbatus ponticus* Essipov) at different temperatures and its relation with the daily rhythm and intensity of feeding. Trudy SBS 14:202-214 '61. (MIRA 15:4)
(Sevastopol, Bay of--Red mullets) (Respiration)

LIPSKAYA, N.Ya.

Comparative characteristics of the feeding habits of *Spicara
smaris* (L.) in the Mediterranean, Adriatic and Black Seas.
Trudy SBS 16:306-322 '63. (MIRA 17:6)

LIPSKAYA, N.Ya.

Comparative characteristics of feeding habits of the red mullet
(*Mullus barbatus* L.) in the Mediterranean, Adriatic and Black
Seas. Trudy SBS 17:116-124 '64. (MIRA 18:6)

ACC NR: AR6035076

SOURCE CODE: UR/0169/66/000/008/G002/G002

AUTHOR: Pushkarev, I. K.; Khrychev, B. A.; Ivanova, A. P.; Lipskaya, S. V.

TITLE: Investigation of the deep-seated structure of the Earth crust in Kazakhstan along the Temir-Tan-Ters-Akkan profile

SOURCE: Ref. zh. Geofizika, Abs. 8G12

REF SOURCE: Sb. Geofiz. issled. v Kazakhstane. Alma-Ata, Kazakhstan, 1965, 28-35

TOPIC TAGS: earth, earth crust, geophysics, seismic prospecting

ABSTRACT: A description is given of the method and results of seismic research carried out in 1959—1961 along the Temir-Tau-Ters-Akkan profile, which is part of the Temir-Tau-Kuybyshev deep-seated profile. As a result of the interpretation of data obtained, the probable model of the Earth's crust is represented in the following form: in the upper part (maximum depth—5.5 km) lies a complex of relatively poorly dislocated sedimentation rock. Below this, to a depth of 20 km, the cut is shown as a complex structure of metamorphic rocks of the "granite"

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UDC: 551.14:550.834(574)

ACC NR: AR6035076

layer (velocities of 5.75—6.35 km/sec). Further, with increase in depth the structure of the crust becomes more simple, and low-lying areas appear. At a depth of 30 km, there is supposedly the roof of the "basalt" layer on which a jump in velocity of 400 m/sec is registered. Individual reflecting surfaces appear in the thick part of this layer. Finally, at a depth of 40—47.5 km, the Moho surface lies with an 8.55 km/sec boundary velocity of propagation of elastic waves. [Translation of abstract]

[GC]

SUB CODE: 08, 03/

Card 2/2

PAPFENOVA, Z.S.; Prinimali uchastiye: LIPSKAYA, T.D.; SHAPIRO, A.B.

Indices of labor input in the finishing of bleached cotton
fabrics. Nauch.-iss. trudy TSNIKHBI za 1962 g.:397-424 '64.
(MIRA 18:8)

HAZAREVSKIY, S.I., kand.sel'skokhoz.nauk; BLAGOVIDOVA, M.S.; ZAYTSEVA, Ye.N.; KRASNOVA, N.S., kand.sel'skokhoz.nauk; LIPINSKAYA, Ye.V.; LIPSKAYA, T.V. [deceased]; SHARONOV, V.A., kand.biolog.nauk; FILATOVA, Ye.P.; TSITSIN, N.V., akademik, otv.red.; OGOLEVETS, G.S., starshiy nauchnyy sotrudnik, red.izd-va; YEGOROVA, N.F., tekhn.red.

[Ornamental perennials; brief results of introduction at the Main Botanical Garden of the Academy of Sciences of the U.S.S.R.] Dekorativnye mnogoletniki; kratkie itogi introduktsii v Glavnom botanicheskom sadu Akademii nauk SSSR, 1960. 333 p.

(MIRA 13:7)

1. Moscow. Glavnyy botanicheskiy sad. 2. Otdel tsvetovodstva Glavnogo botanicheskogo sada AN SSSR (for all, except TSitsin, Yegorova).

(Plants, Ornamental) (Moscow--Plant introduction)

MESHKOVA, N.P.; LIPSKAYA, T.Yu.; ORESHNIKOVA, N.A.

Oxidative phosphorylation and glycolysis in the muscle tissue
in local tetanus. Vop.med.khim. 8 no.1:78-82 Ja-F '62.
(MIRA 15:11)

1. Kafedra biokhimii zhivotnykh Moskovskogo gosudarstvennogo
universiteta imeni M.V.Lomonosova, Moskva.
(MUSCLE) (PHOSPHORYLATION) (GLYCOLYSIS) (TETANUS)

OSIPOV, A. (Khar'kov); LIPSKAYA, V. (Sverdlovsk); VATLETSOV, V. (Kirov);
ZATYAMIN, M. (~~Stavropol'~~, Kuybyshevskoy obl.)

We prepare for the Fifth Congress of the All-Union Volunteer
Society for Assistance to the Army, Air Force, and Navy with
achievements in work, training, and sport. Za rul. 20 no.5:3
My '62. (MIRA 16:4)

1. Starshiy trener Sverdlovskogo avtomotokluba Dobrovol'nogo
obshchestva sodeystviya armii, aviatsii i flotu (for Lipsakaya).
2. Noshtatnyye korrespondenty zhurnala "Za rulem" (for Vatletsov,
Zatyamin).

(Motor vehicles—Societies, etc.)

ZHURAVLEV, Mark Mikhaylovich; LIPSKAYA, V.F., red.

[Safety measures for the passage of ice flows and
spring floods under bridges] Tekhnika bezopasnosti pri
propuske ledokhoda i vesennego pavodka na mostovykh
perekhodakh. Moskva, Avtotransizdat, 1963. 40 p.
(NIRA 18:1)

MATYUKHIN, Valentin Mikahylovich; LIPSKAYA, V.F., red.; BODANOVA,
A.P., tekhn. red.

[Operation and maintenance of a stone-crushing unit] Tekh-
nicheskaya ekspluatatsiya i obsluzhivanie kamnedrobil'noi
ustanovki. Moskva, Avtotransizdat, 1963. 63 p.

(MIRA 16:6)

(Stone and ore breakers)

ПОПОВ, Тихон Тимофеевич; LIPSKAYA, V.F., red.

[Road surfacings from cold asphalt concrete and black
crushed stone] Dorozhnye pokrytiia iz kholodnogo asfal'to-
betona i chernogo shchebnia. Moskva, Transport, 1965.
142 p. (MIRA 18:3)

SYUN'I, Georgiy Kamillovich; LIPSKAYA, V.F., red.

[Colored asphalt concrete] TSvetnoi asfal'tobeton. Mo-
skva, Transport, 1964. 49 p. (MIRA 17:5)

SMAGUNOVA, A.N.; LOSEV, N.F.; LIPSKAYA, V.I.

A new variant in evaluating the effect of chemical composition of samples during X-ray spectral analysis. Zav. lab. 31 no.2:166-168 '65.

(MIRA 18:7)

1. Irkutskiy gosudarstvennyy nauchno-issledovatel'skiy institut redkikh metallov.

LIPSKAYA, Ye. V.

Lipskaya, Ye, V. "The effect of mustard gas on the function of the neural conductor",
In the collection: Mekhanizm patol. reaktsiy, Issues 11-15, Leningrad, 1949, p. 364-72.

SO: U-4392, 19 August 53, (Letopis 'Zhurnal 'nykh Statey, No 21, 1949).

Lipskerova, S.I.

AUTHOR:

Askinazi, A. I., Engineer, Lipskerova, S. I.
and Moldaver, A. I.

80

TITLE:

Computing Additional Commutation Losses in
Commutator Machine Armature Windings.
(Raschet dobavochnykh kommutatsionnykh
poter'v obmotkakh yakorey kollektornykh mashin)

PERIODICAL:

Vestnik Elektromyshlennosti, 1957, No.2.
pp. 69-72 (USSR)

ABSTRACT:

Losses are greater in machines with commutators than without, because of high frequency commutation harmonics. Therefore, the procedure for determining stray load losses for a machine with a commutator is not the same as for one without, and appropriate adjustments must be made. The article gives a method for

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80

TITLE:

Computing Additional Commutation Losses in
Commutator Machine Armature Windings.
(Raschet dobavochnykh kommutatsionnykh
poter'v obmotkakh yakorey kollektornykh mashin)

computing commutation stray losses and skin
effects, and summarizes published work and the
findings of electrical machinery plants for
the following common cases of two layer wind-
ings of large commutator machines wound with
rectangular strip:

1. Effective conductors not sub-divided along
the height of the slot.

2. Effective conductors sub-divided along the
height of the slot.

Card 2/6

80

TITLE:

Computing Additional Commutation Losses
in Commutator Machine Armature Windings.
(Raschet dobavochnykh kommutatsionnykh
poter'v obmotkakh yakorey kollektornykh mashin)

3. Sub-divided conductors transposed in the
slot

4. Upper and lower effective conductors
executed differently.

Because of the high saturation of armature
teeth the total stray losses, when calculated
separately are 10 - 20% greater than the sum
of commutating and no-load stray losses
resulting from the main field.

Card 3/6

TITLE:

Computing Additional Commutation Losses⁸⁰
in Commutator Machine Armature Windings.
(Raschet dobavochnykh kommutatsionnykh
poter'v obmotkakh yakorey kollektornykh mashin)

An expression is then derived for losses in the armature windings. This is then applied to each of the cases mentioned above, and a general expression is derived and a practical example worked out for each one. The following conclusions are drawn from the results. Sub-division of conductors of large cross section, and particularly transposition, leads to a marked reduction in the skin effect.

Card 4/ 6

80

TITLE:

Computing Additional Commutation Losses
in Commutator Machine Armature Windings
(Raschet dobavochnykh kommutatsionnykh
poter'v obmotkakh yakorey kollektornykh
mashin)

However, the need to insulate the individual wires and the poor space factor of transposed windings so reduces the total cross section of the copper in the slots that the effectiveness of using transposition is much reduced. Sub-division of the conductors along the height of the slot is much simpler for manufacturing purposes and in many cases leads to the same practical results as transposition. The machine can be made somewhat cheaper without increasing the losses, by transposing only the upper layer of the winding and leaving the lower conductors untransposed.

Card 5/6

80

TITLE: Computing Additional Commutation Losses
in Commutator Machine Armature Windings
(Raschet dobavochnykh kommutatsionnykh
poter'v obmotkakh yakorey kollektornykh
mashin)

The article contains 3 diagrams and 1 graph;
there are 4 references, all Slavic.

ASSOCIATION: БКЭМ ВЭТ Probable English translation:
Design Office of Electrical Machinery, All-
Union Electrotechnical Trust)

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress

Card 6/6

1(2)

PHASE I BOOK EXPLOITATION

POL/2896

Lipski, Jan, Master in Engineering

Lotnicza aparatura tlenowa (Aircraft Oxygen Equipment) Warsaw, Wyd-wa komunikacyjne, 1958. 140 p. 1,130 copies printed.

Reviewer: Wiktor Roth, Master in Engineering, Professor; Ed.: Michał Goszczyński; Tech. Ed.: Alfred Malicki.

PURPOSE: This book is intended for aircraft mechanics, aircraft and glider pilots, and all ground and flight personnel of Polish airlines and aeroclubs.

COVERAGE: This book describes the physiological effects of high altitude on the human body and the necessary precautions to be taken to protect pilot and crew during high-altitude flights. Typical oxygen apparatus (portable and stationary), strato-suits (assembly, operation, check, and repair), and oxygen supply systems are discussed. No personalities are mentioned. There are 8 references: 3 Soviet, 3 English, 1 Polish, and 1 German.

Card ~~1~~/9

ACC NR: AM6001038

Monograph

PO/

Lipski, Jan (Master in Engineering)

Safety equipment for man during high altitude and space flight
(Urządzenia zabezpieczające loty wysokościowe i kosmiczne człowieka)
[Warsaw] [1965] 0194 p. illus., biblio. 1700 copies printed.

TOPIC TAGS: aerospace engineering, atmospheric flight, life support equipment, manned space flight, safety engineering, space flight

PURPOSE AND COVERAGE: This book is intended for the Air Force, aviation engineers, technicians, pilots, ground personnel, and students of aeronautics. The book describes life support systems in some detail. Construction, functioning, and control of space flight equipment, oxygen apparatus, space suits, helmets, temperature, humidity, and air-pressure control instruments, and space cabins and space-cabin air composition are discussed.

TABLE OF CONTENTS:

Foreword -- 5

1. Conditions of Manned High-Altitude Flights -- 7

Card 1/3

ACC NR: AM6001038

2. Oxygen Apparatus -- 28
3. High-Altitude and Safety Suits -- 50
4. High-Altitude Cabins -- 66
5. Feeding of High-Altitude Suits and Cabins -- 80
6. Air-Consumption Regulation -- 90
7. Cabin-Pressure Regulating -- 95
8. Cabin Heating and Cooling -- 103
9. Air-Temperature Regulation -- 113
10. Humidification and Drying; Air-Humidity Regulation -- 118
11. Air Purification and Regeneration -- 123
12. Cabin Instruments -- 128
13. High-Altitude and Safety Equipment Systems -- 135

Card 2/3

ACC NR: AM6001038

14. Checking of High-Altitude Systems -- 147

15. Use of High-Altitude Systems -- 175

16. Auxiliary Equipment; Technical Data Tables -- 184

Bibliography -- 196

SUB CODE: 01 02, 22/ SUBM DATE: 00May65/

ORIG REF: 005/ OTH REF:005/

SOV REF:006

Card 3/3

POLAND

Monograph

PO/

Lipski, Jan (Master in Engineering)

Safety equipment for man during high altitude and space flight
(Urządzenia zabezpieczające loty wysokosciowe i kosmiczne czlowieka)
[Warsaw] [1965] 0194 p. illus., biblio. 1700 copies printed.

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PURPOSE AND COVERAGE: This book is intended for the Air Force, aviation engineers, technicians, pilots, ground personnel, and students of aeronautics. The book describes life support systems in some detail. Construction, functioning, and control of space flight equipment, oxygen apparatus, space suits, helmets, temperature, humidity, and air-pressure control instruments, and space cabins and space-cabin air composition are discussed.

TABLE OF CONTENTS:

Foreword -- 5

1. Conditions of Manned High-Altitude Flights -- 7

1/3

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R000930030011-4"

2. Oxygen Apparatus -- 28

3. High-Altitude and Safety Suits -- 50

4. High-Altitude Cabins -- 66

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11. Air Purification and Regeneration -- 123

12. Cabin Instruments -- 128

13. High-Altitude and Safety Equipment Systems -- 135

2/3

- 14. Checking of High-Altitude Systems -- 147
- 15. Use of High-Altitude Systems -- 175
- 16. Auxiliary Equipment; Technical Data Tables -- 184
- Bibliography -- 196

3/3

LIPSKI, JERZY

POLAND/Chemical Technology - Chemical Products and Their
Application, Part 3. - Photographic Materials.

H-19

Abs Jour : Ref Zhur - Khimiya, No 7, 1958, 22599

Author : Jerzy Lipski

Inst : -

Title : Polish Photographic Materials on Foreign Markets.

Orig Pub : Techn. kinematogr., 1957, No 7-8, 45.

Abstract : A review of the assortment of photographic materials manufactured in Polish factories on celluloid, glass and paper bases and sold under the general trade name Foton. The countries, into which the Foton materials are imported, and the reasons of the great demand for these photographic materials are pointed out.

Card 1/1

GOLEBIEWSKA, Irena; CHODYN, Eustachiusz; LIPSKI, Jozef

Results of associated method of the treatment of cutaneous tuberculosis applied at the dermatological clinic of the Academy of Medicine of Gdnask. Przegl. derm. 4 no.3:213-216 My-Je '54.

1. Z Kliniki Dermatologicznej Akademii Medycznej w Gdansk.

Dyrektor: prof. dr T.Pawlas.

(TUBERCULOSIS, CUTANEOUS, therapy.)

*

MIEDZINSKI, Franciszek; PAWLOWSKI, Stanislaw; LIPSKI, Josef.

Field studies in detection and prevention of neurosyphilis.
Przegl.derm.,Warsz. 5 no.3:189-196 My-Je '55.

1. Z Wojewodskiej Przychodni Skorno-Wenerologicznej w Gdansk
Kierownik: dr. A. Markiewicz-Szumka. Gdansk, Wojewodska Przychodnia Skorno-Wenerologiczna, Długa 84/85.
(NEUROSYPHILIS, prevention and control,
in Poland)

LIPSKI, Jozef

~~ANGIOMA~~
Contact roentgen therapy of angioma cavernosum. Przegl.
derm., Warsz. 5 no.5:391-401 Sept-Oct 55.

1. Z Kliniki Dermatologicznej A.M. w Gdansk. Dyrektor: prof.
dr. T. Pawlas.

(ANGIOMA

cavernosum, ther., contact roentgen ther.)

(RADIOTHERAPY, in various diseases

angioma, cavernosum, contact roentgen ther.)

LIPSKI, Jozef

Improved technic of x-irradiation in epilation. Przegl.
derm., Warsz. 6 no.3:239-246 May-June 56.

1. Z Kliniki Dermatologicznej A.M. w Gdansk Dyrektor prof.
dr. Fr. Miedzinski, Gdansk, Klinika Dermatologiczna Akademii
Medycznej. Debinki 7-a.

(HAIR,
epilation, x-ray technic (Pol))
(ROENTGEN RAYS,
epilation (Pol))

LIPSKI, Jozef

Analysis of the therapeutic results of the contact method of treatment of epitheliomas based on material of the Dermatological Clinic at Gdansk. Przegl. derm., Warsz. 6 no.6:525-536 Nov-Dec 56.

1. Z Kliniki Dermatologicznej A.M. w Gdansk, Dyrektor: prof. Dr. Fr. Miedzinski. Bdanska, Klinika Dermatologiczna Akademii Medycznej, Debinki 7a.

(LIPS, neoplasms

radiother., contact method, statist. (Pol))

(RADIOTHERAPY, in various dis.

cancer of lips, contact method, statist. (Pol))

EXCERPTA MEDICA Soc 13 Vol. 11/10 Dermatology Oct 57

2143. LIPSKI J. Klin. Dermatol. A.M., Gadńsk. *Choroby ropne skóry jako schorzenia zawodowe w środowisku wiejskim. Purulent dermatoses as occupational diseases in rural environment MED. PRACY 1957, 8/2 (115-121) Tables 8

821 cases of purulent dermatoses were collected among country people within the last 3 yr. Purulent dermatosis takes the first place among the diseases of skin in the country, with an average of 22 cases for 100 working people. The highest percentage of purulent dermatosis has been observed in persons working on agricultural machines. The highest percentage of cases of purulent dermatosis has been found in the country during the end of summer and the beginning of autumn. The aetiological factor is generally *M. pyogenes aureus*.

LIPSKI, Josej,

Effects of treatment of plastic induration of penis. Przegl. derm. Warsz.
8 no.2:167-173 Mar-Apr '58.

1. Z Kliniki Dermatologicznej A.M. Miedzinski. Adres: Gdansk,
Klinika Dermatologiczna Akademii Medycznej, Debinki 7a.

(PENIS, dis.

plastic induration, ther., diathermy with vitamin E.
& radiother. (Pol))

(DIATHERMY, in various dis.

plastic induration of penis, with vitamin E & radiother.
(Pol))

(VITAMIN, E., ther. use.

plastic induration of penis, with diathermy & radiother.
(Pol))

(RADIOTHERAPY, in various dis.

plastic induration of penis, with vitamin E. & diathermy
(Pol))

LIPSKI, Josef

X-Ray therapy of leukoplakia of lips, mouth & external sex organs.
Polskie tygod. lek. 14 no.1:33-34 5 Jan 59.

1. (Z Kliniki Dermatologicznej A. M. G; dyrektor: prof. dr med.
Pr. Miedzinski) Adres: Gdansk, Klinika Dermatologiczna A.M.G.

(LEUKOPIAKIA, ther.

x-ray ther. in leukoplakia of lips, mouth & labia majus
(Pol))

(RADIOTHERAPY, in various dis.

leukoplakia of lips, mouth & labia majus (Pol))

(LIPS, dis.

leukoplakia, x-ray ther. (Pol))

(MOUTH, dis.
same)

LIPSKI, Jozef; PRZYLIPIAK, Stanislaw

Pathermorphology of the teeth in congenital syphilis. Polski tygod.
lek. 14 no.2:524-528 23 Mar 59.

1. Z Kliniki Dermatologicznej A. M.; dyrektor: prof. dr Fr. Miedzinski
i z Zakladu Ortodoncji A.M.G.; kierownik: adiunkt St. Przylipiak.
Adres: Gdansk, Panstw. Szpital Klin., Klin. Dermatol.

(SYPHILIS, CONGENITAL, pathol.

teeth in child with late congen. syphilis (Pol))

(TEETH, pathol.

in child with late congen. syphilis (Pol))

LIPSKI, Jozef

On the problem of the appearance of cerebral injuries following epilation by means of x-ray irradiation of the scalp, electroencephalographic studies. Polski tygod.lek. 14 no.50:2184-2186 D '59.

1. Z Kliniki Dermatologicznej A.M. w Gdansk; kierownik; prof. dr Fr. Miedzinski.

(BRAIN radiation eff)

(HAIR REMOVAL)

(RADIATION INJURY)

(ELECTROENCEPHALOGRAPHY)

LIPSKI, Jozef; PRZYLIPIAK, Stanislaw

Clinical picture of ectodermal dysplasia. Polski tygod. lek. 16
no.21:796-801 22 My '61.

1. Z Kliniki Dermatologicznej A.M. w Gdansk; kierownik: prof. dr
Fr. Miedzinski, z Zakladu Ortodoncji A.M. w Gdansk; kierownik:
adj. dr St. Przylipiak.

(SKIN dis)

LIPSKI, Jozef

Results in the treatment of keloids according to prolonged observations. Przegl. dermat. 48 no.4:349-354 J1-Ag '61.

1. Z Kliniki Dermatologicznej AM w Gdansk Kierownik: prof. dr Fr. Miedziński.

(KELOID ther)

GIACINKEI, Wiesława; POPKIEWICZ, Jan; PIETSKI, Józef; CHRUSCIEL, Andrzej

Relation of cytological changes of the vaginal epithelium to
exogenous oxytocin. Ginek. Pol. 36 no.6:663-665 Sz 1985.

1. Z I Kliniki Położnictwa i Chorob Kobietych Śląskiej Akademii
Medycznej w Zabrze (Kierownik: prof. dr. med. M. Glowinski).

GIOWINSKI, Mieczysław; LIPSKI, Józef; CHRUSCIEL, Andrzej; DUDKIEWICZ, Jan

Clinical value of Smyth's test and vaginal smears in the determination of the time of labor. Pol. tyg. lek. 20 no.25:921-923
21 Je '65.

1. Z I Kliniki Położnictwa i Chorob Kobięcych Śląskiej AM w Zabrze
(Kierownik: prof. dr. med. Mieczysław Glowinski).

7.1. LIPSKI, R.

metallurgy

800

821.74

Lipki R. Technology of Metals. Foundry Practice.

„Technologia metalli Odlewnictwo”. Warszawa, 1947. „Autor”, 8°.
pp. 63, 77 figs.

The application of foundry-work in engineering practice. Pig-iron melting. Design and operation of cupolas. Melting of steel and semi-rare metals. Copper alloys, light and bearing alloys. The role of scrap and fractures in foundry practice. Moulding materials. Patterns. Moulding flasks. Moulding. Casting. Finishing of castings. Sand blasting of castings. Conditions with which perfect castings have to comply. Defects in castings. Seasoning of iron castings. Centrifugal and pressure die casting.

P. T. A. LIPSKI, R.

metallurgy

897

621.73

Lipski, R. Technology of Metals. Forging.

"Technologia metall. Kowalstwo". Warszawa, 1947, "Autor", 180,
pp. 18, 151 figs.

General principles. Heating. Forge fuels. Re-forging. Forging
plant. Power hammers. Presses. Essential forging conditions. Cutting.
Punching of holes. Swaging. Upsetting. Bending. Examples of ben-
ding. Finishing. Welding. Drop forging. Work safety and hygiene in
the forge.

POLAND

MARKOWSKI, Wladyslaw; LIPSKI, Slawomir [affiliations not given]

"Pharmaceutical Problems in the Scientific Work of Kazimierz FUNK."

Warsaw, Pharmacja Polska, Vol 19, No 1-2, 25 Jan 63, pp 35-36

Abstract: Biographic data on the Polish-born pioneer in vitamins and hormones, and brief review of his less known work in pharmaceutical research. 13 references, predominantly Soviet-bloc, including two American.

1/1

KACPROWSKI, J.; MIKIEL, W.; MARUCHIN, J.; LIPSKI, S.; BALTURKIEWICZ, Z.

Use of an acoustic analyzer of gas mixtures in the study of ether anesthesia of experimental animals. Acta physiol. pol. 14 no.1:135-144 '63.

1. Z Zakladu Badania Drgan Instytutu Podstawowych Problemow Techniki PAN w Warszawie Z Osrodka Ochrony Radiologicznej i Radiobiologii WIHE Kierownik: doc. dr J. Ryzewski.
(ETHER, ETHYL) (ANESTHESIA, INHALATION)
(EQUIPMENT AND SUPPLIES)

ACCESSION NR: AP4034678

P/0049/64/000/002/0138/0147

AUTHOR: Maruchin, Jerzy E.; Lipski, Slawomir R.

TITLE: Phenomena taking place in enzymes acted upon by x and γ rays

SOURCE: Kosmos - Seria A (Biologia),³ no. 2, 1964, 138-147

TOPIC TAGS: enzyme damage, biochemical radiation effect, enzyme irradiation effect, x ray damage, gamma radiation damage, biochemical radiation damage

ABSTRACT: Several working hypotheses subscribed to by different authors and accounting for the effect of ionizing radiation on enzymes are being used in biochemistry at the present time. They are as follows:

Considerable damage of amino acids at the edges of polypeptide chains cause a change in the active centers. The effect of radiation concerns the surface of enzymes (Lea).

The rupture of two or more nonspecifically identical bonds causes inactivation phenomena. The energy is transferred along the polypeptide chain, where the rupture of hydrogen bonds takes place (Pollard).

Card 1/3

ACCESSION NR: AP4034678

The complex of free radicals R^{\cdot} is effective in biological investigations. The free radical R^{\cdot} may accept an unpaired electron from one of the orbits of atom linked with the carbon atom (Howard and Flanders). The displaced electrons are localized in S-S groups (which accounts for the protective properties of disulfides (Gordy, Blumenfeld, Kalmanson, Norman, Phil)).

The polarization wave initiates the generation of an electric charge inside the macromolecule, where a simultaneous rupture takes place in certain localized areas (weak polar and hydrogen bonds). The inactivation may be caused by repeated ionization. This effect is enhanced by rising temperature (Platzmann, Franck).

In addition to nuclear radiation, several other physical factors such as heat and ultraviolet rays cause the inactivation of enzymes. The changes in molecular structure occur in groups of weak bonds containing disulfides and bounded by other intermolecular bonds. As a result, the topography of the active centers changes. The irreversible inactivation is attributed to the rupture of all weak bonds. In cases where not all of the critical bonds are broken, the enzymatic activity may be reestablished by means of various activators or by physicochemical intervention (Augenstine, Setlow, Luse)..

Card 2/3

ACCESSION NR: AP4034678

The biophysical interpretation is as follows: the absorbed radiation energy changes the excitation levels of the singlet--triplet state. There is also the effect of the electron on the magnetic perturbation of the triplet levels. The radiation energy produces changes similar to those due to heat energy in the structure of the protein molecule (Mason).

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 15May64

ENCL: 00

SUB CODE: CH

NO REF SOV: 000

OTHER: 0056

Card 3/3

MARUCHIN, Jerzy; BALTRUKIEWICZ, Zenon; LITCKI, Sławomir

Studies on reactions of irradiated (gamma Co-60) animals to anesthetic doses of ether. Acta physiol. Pol. 15 no.3:427-433 My-Je '64.

I. Z Ośrodka Ochrony Radiologicznej i Radiobiologii w Warszawie
(Kierownik: dr. T. Gbara; Kierownik naukowy: doc. dr. J. Ryzewski).

2977

Lipski T. Research over Heavy-Current Contacts.

Badania nad stykami silnopradowymi Przeglad Elektrotechniczny No 11-12 1953, pp 547-554 24 figs 1 tab

The method of measuring small voltage drops occurring in contacts during the passage of alternating current. Statistical data on the resistance of the main contacts and entire pole in ATK-400 circuit-breakers. Results of heating experiments as the criterion of resistance of the entire pole of the switch. Results of one-second and five-second thermal endurance tests as the criterion of resistance of the contacts. Analysis of results obtained. One-second endurance tests carried out over contacts made from miscellaneous materials. Large-scale experiments, by means of a specially designed apparatus, over voltage drop in ATK-400 circuit-breakers produced results compiled in the form of graphs. The majority of the values of voltage drop in the main contacts were, at 400 A, within from 1 to 6 mV. The voltage drops on the entire pole were, at 400 A, within — roughly — 15 to 75 mV. Statistical investigations have shown that the resistance of the entire pole may, at a uniform resistance of the main contacts, reveal considerable divergent values; also, that it is possible, in spite of major divergencies in the resistance of the main contacts to obtain a uniform resistance throughout the pole. Heating experiments, by means of current over long periods, revealed that the temperature to which the contacts were heated had but an infinitesimal effect on their resistance. On the other hand, the temperature to which the contacts are heated is largely

1/2

2

contingent on the resistance of the entire pole. In one-second and five-second thermal endurance tests of model contacts (copper-copper), the criterion of the rate of fusing was based on the force F_2 which is required to part the contacts after the current has been cut off. The thermal endurance over one second is a compound process. The fusion between contacts which occurs in this instance is combined with the

manifestation of dynamic forces and thermal phenomena in contraction. Contacts which reveal minor gaps during the one-second thermal endurance test are capable of withstanding — without fusing — higher one-second currents. The one-second endurance is largely contingent on the resistance of the contacts at varying inter-contact strength. The contingency on the resistance of contacts in permanent contact one with the other of the one-second endurance is less than in the case of variable contact. The ratio between one-second and five-second thermal endurance amounts to $I_1/I_5 = 1.36$. The maximum safe resistance of contacts under test must not exceed such value as has been experimentally determined for individual switch designs, and above which the one-second thermal endurance would be less than the endurance guaranteed. A certain margin should, moreover, be provided to allow for the variability, under service conditions, in the endurance of contacts. The phenomenon of metallization will, in the case of contacts made from two materials differing one from the other as regards melting point, manifest itself, during the one-second thermal endurance test, in that one of the contacts which is made from material with a higher melting temperature.

2/2
Lipski, T.

LIPSKI, T.

"Engineers and technicians in the trade-unions", p. 407 (Przegląd Techniczny, Vol. 74, no. 11, Nov. 1953, Warszawa)

Vol. 3, No. 3

SO: Monthly List of East European Accessions, Library of Congress, March 1954, Uncl.

✓ 1536. EXAMINATION OF CURRENT INTERRUPTING
PHENOMENA ON CONTACTS OF AIR CIRCUIT BREAKERS
CIRCUIT BREAKERS T. Lique, J. Godeaux, H. Dierckx
and W. Willems

Integral circuit breakers

1. The paper deals with the phenomena of current interruption on the contacts of air circuit breakers. The authors describe the physical processes which take place during the interruption of a fault current.

2. The authors describe the physical processes which take place during the interruption of a fault current. They also describe the physical processes which take place during the interruption of a fault current.

3. The authors describe the physical processes which take place during the interruption of a fault current. They also describe the physical processes which take place during the interruption of a fault current.

05

2979

TESTING OF ELEMENTS

021 316 221

2

by most of the sand-filled type and at least 40% of the sand-filled type. These elements and other production methods are recommended.

J. Lukaszewicz

5/21

LIPSKI, T.

remarks on switchgears of electric installations of ships.

P. 418 (Przegląd Elektrotechniczny, Vol. 32, no. 10, Oct. 1956, Warszawa, Poland)

Monthly Index of East European Accessions (FFAI) IC. Vol. 7, no. 2, 1
February 1958

6526

Lipaki T., Reniger J. Working Capacity of Industrial Switchgear under Transient Circuit Conditions.

621.316.542-621.3.084.4

„Robocza zdolność łączenia łączników przemysłowych w warunkach przejściowych obwodu”. Przegląd Elektrotechniczny. No. 11, 1937, pp. 497-501, 11 figs., 1 tab.

Research work has shown that, in order to achieve increased switching capacity under transient conditions it is necessary to eliminate from the arc area any ironwork not forming a part of the switchgear element which extinguishes the arc. Moreover, when choosing the shape of the arc chamber, a proper ratio should be maintained between the aerodynamic resistance to the movement of gases in the direction of the chamber outlet to that in the direction of the interior of the chamber. Finally, the partitions between poles should reach sufficiently deep into the apparatus and separate the current carrying parts located near the arc area, since the ionized gases show a marked capacity to penetrate even small splits thus causing earth faults and short-circuits between poles. It has been found during tests that, in switchgear with insufficiently separated arc areas, the switching capacity is governed by the ratio of the expected short-circuit current across switchgear input terminals to the short circuit currents. the switchgear is capable of interrupting.

EW
1/1

3

Plur

COUNTRY : Poland H-4
 CATEGORY : Chemical Technology. Chemical Products and Thier
 Applications--Corrosion. Corrosion control.
 ABS. JOUR. : RZAHIM., No. 21 1959, No. 75241
 AUTHOR : Biestek, T., Lipski, T., and Bucko, R.
 : Not given
 TITLE : Preliminary Communication on the Corrosion Test-
 ing of Galvanized Steel Ship Parts
 ORIG. PUB. : Prace Inst Mech, 6, No 23, 87-92 (1958)
 ABSTRACT : The results from 25-month tests of the corrosion
 resistance of a series of galvanic coatings ap-
 plied to parts of low-carbon steel installed at
 various points in the ship, both on deck and
 below deck, are described. The tests were car-
 ried out under natural conditions on a ship navi-
 gating between the Polish Peoples Republic and
 Southern and Northern China. It has been found
 that for steel parts located below deck a Zn-
 coating of 15 μ thickness is sufficient to give

CARD: 1/3

NAME OF COUNTRY	: Poland	11-4
FILE NO.	: RZKhim., No. 21 1959, No.	75241
NAME	:	
FILE	:	
FILE	:	

ORIG. PUB. :

ABSTRACT :satisfactory protection for a period of 2 yrs and more. The protection of parts placed on deck and exposed to the action of sea water over a similar period of time requires Cd-coatings of 30 μ thickness or Zn-coatings of greater thickness [sic] plated from a cyanide bath. The additional passivation of Cd- and Zn-coatings plated from alkaline baths markedly improves their protective properties. Zn-coatings deposited from acid baths are markedly less resistant. Two-layer Zn-Cr coatings

CARD: 2/3

COUNTRY : Poland
CATEGORY :

H-4

ABS. JOUR. : RZKhim., No. 21 1959, No.

75241

AUTHOR :
INVT. :
TITLE :

ORIG. PUB. :

ABSTRACT : are adequate only for the protection of parts
installed below deck; the use of such coatings is
recommended for the protection of parts operating
under abrasive conditions.

V. Levinson

CARD: 3/3

LIPSKI, T.; HIBNER, J.

Three-pole multicircuit switches for use in 500 V industrial equipment.
p. 410.

PRZEGLAD ELEKTROTECHNICZNY. (Stowarzyszenie Elektrykow Polskich) Warszawa,
Poland, Vol. 35, no. 10, Oct. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

LIPSKI, Tadeusz (Gdansk)

Some problems regarding low voltage fuses with strip fuse elements.
Przegl elektrotechn 37 no.10:404-407 '61.

(Electric fuses)

LIPSKI, T.

Correctness criteria for the operation of fuses in direct current circuits. Archiw elektrotech 10 no.2:579-594 '61.

LIPSKI, Tadeusz (Gdansk)

Formation of the characteristics of low-voltage fuses. Przegl
elektrotechn 38 no.7:290-292 J1 '62.

LIPSKI, Tadeusz (Gdansk); BUDKO, Ryszard (Gdansk)

Fusegears for the ~~protection~~ of motors of fractional power.
Wiad elektrotechn 28 no.9:273-274 S '61.

LIPSKI, Tadeusz, doc. (Gdansk)

Station fuses of speedy characteristics. Wlad elektrotechn 28
no.10:315-316 0 '61.

LIPSKI, Tadeusz

Fuse links for protecting Germanium and Silicon rectifiers.
Przegl elektrotechn 37 no.11:454-455 '61.

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